

AMENDMENTS TO THE CLAIMS

1. (Cancel)
2. (Cancel)
3. (Cancel)
4. (Cancel)
5. (Cancel)
6. (Cancel)
7. (Cancel)
8. (Cancel)
9. (Cancel)

10. (Currently Amended) A video-signal recording/reproduction apparatus comprising:
a recording/reproduction unit for recording and reproducing a video signal generated by an imaging apparatus as a video signal with every frame thereof, including additional meta data related to said video signal, onto and from a recording medium; and

a meta-data synthesis apparatus for extracting at least a part of said meta data from said video signal including said meta data added to every frame and synthesizing said extracted part with said video signal;

wherein said imaging apparatus receives, from said recording/reproduction unit, said video signal including said meta data and displays said meta-data, from said video signal, at the imaging apparatus synchronously as the video signal is recorded by the recording/reproduction unit.

11. (Original) A video-signal recording/reproduction apparatus according to claim 10, wherein said meta data added to said video signal is packed into one or more meta-data groups provided for different purposes of utilizing said meta data.

12. (Original) A video-signal recording/reproduction apparatus according to claim 10, wherein said meta-data synthesis apparatus extracts at least a part of said meta data from said video signal reproduced by said recording/reproduction unit from said recording medium and synthesizes said extracted part with said reproduced video signal.

13. (Cancelled)

14. (Currently Amended) A meta-data display method for displaying meta data related to a video signal generated by an image capture apparatus, said meta-data display method comprising the steps of:

extracting at least a part of said meta data added to said video signal of every frame from said video signal and synthesizing said extracted part with said video signal; and

displaying said synthesized meta data, from said video signal including said synthesized meta data, on a display apparatus provided in said image capture apparatus synchronously with the real-time video captured by the image capture apparatus;

wherein

said meta data added to said video signal includes scene-information meta data, which is meta data related to a scene shot by said image capture apparatus.

15. (Cancelled)

16. (Cancelled)

17. (Original) A meta-data display method according to claim 14, wherein said meta data added to said video signal is packed into one or more meta-data groups provided for different purposes of utilizing said meta data.

18. (Original) A meta-data display method according to claim 14, said meta-data display method further having the steps of:

reproducing said video signal including said meta data added thereto from a recording medium;

extracting at least a part of said meta data from said video signal reproduced from said recording medium; and

synthesizing said extracted part with said reproduced video signal.

19. (Currently Amended) A meta-data display system for displaying meta-data related to a video signal, comprising:

an imaging apparatus that captures video content and generates the video signal and meta-data associated with each frame of the video signal, and having a display adapted to display the meta-data of the captured video content synchronously with the real-time video captured by the imaging apparatus;

a meta-data addition apparatus that receives the meta-data and the video signal and combines the meta-data associated with each frame of the video signal and the video signal , and outputs a combined video signal;

a storage device for storing the combined video signal;

a meta-data synthesis apparatus that synthesizes the combined video signal to produce a synthesized video signal, the synthesized video signal including the video signal where each frame is visually combined with at least a portion of the meta-data associated with that frame;

a display for displaying the synthesized video signal synchronously with the real-time video captured by said imaging apparatus; and

wherein the imaging apparatus receives the combined video signal from the meta-data addition apparatus, and the display on the imaging apparatus displays the meta-data from the combined video signal.

20. (Previously presented) The meta-data display system of claim 19, wherein the display apparatus is a component of the imaging apparatus.

21. (Previously Presented) The meta-data display system of claim 19, wherein imaging apparatus includes:

- a lens system that produces lens setting meta-data;
- a positioning system that produces position meta-data, said position meta-data includes the position and orientation of the lens system relative to a scene;
- an input terminal for inputting scene-information meta-data; and
- wherein,

the meta-data addition apparatus adds the lens setting meta-data, the position meta-data , and the scene-information meta-data to the video signal, to produce the combined video signal.

22. (Previously presented) The meta-data display system of claim 21, wherein the meta-data received by the meta-data addition apparatus is organized into one or more meta-data groups provided for each of the lens setting meta-data, the position meta-data , and the scene-information meta-data.

23. (Previously presented) The meta-data display system of claim 19, wherein the meta data added to the video signal is packed into one or more meta-data groups provided for different purposes of utilizing the meta-data.

24. (Previously presented) The meta-data display system of claim 19, the meta-data display system include a video-signal recording/reproduction apparatus for recording and reproducing the combined video signal onto and from a recording medium, wherein at least a part of the meta-data is extracted from the video signal reproduced by the video-signal recording/reproduction apparatus and synthesized with the video signal.

25. (Previously Presented) A meta-data display system, comprising:

- a meta-data synthesis apparatus for extracting at least a part of the meta-data associated with every frame of a video signal and synthesizing the extracted meta-data with the video signal to produce a synthesized video signal; and

an image capture apparatus for generating the video signal and the meta-data for every frame of the video signal;

wherein in the synthesized video, each video frame is visually combined with meta-data associated with that video frame, and the synthesized video signal is transmitted to the imaging apparatus; and

the image capture apparatus includes a display adapted to display the meta-data of the captured video content synchronously with the real-time video captured by the image capture apparatus.

26. (Cancelled)

27. (Previously presented) The meta-data display system of claim 25, wherein the meta-data added to the video signal includes scene-information meta-data, which is meta-data related to a scene shot by the imaging apparatus.

28. (Previously Presented) The meta-data display system of claim 27, wherein the imaging apparatus includes:

a lens system that produces lens setting meta-data;

a positioning system that produces position meta-data, said position meta-data including the position and orientation of the lens system relative to a scene;

an input terminal for inputting scene-information meta-data; and

a meta-data addition apparatus adds the lens setting meta-data, the position meta-data, and the scene-information meta-data to the video signal, to produce the combined video signal.

29. (Previously presented) The meta-data display system of claim 25, wherein the meta-data added to the video signal is packed into one or more meta-data groups for different purposes of utilizing the meta data.